

Title (en)  
Anode for non-aqueous electrolyte cell and method of manufacturing the same

Title (de)  
Anode für nichtwässrige Zelle und Verfahren zur Herstellung

Title (fr)  
Anode pour cellule non-aqueuse et procédé de préparation

Publication  
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Application  
**EP 97106846 A 19970424**

Priority  
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Abstract (en)  
The present invention is directed to the provision of an anode for a non-aqueous electrolyte cell, which is excellent in rapid charge/discharge characteristics, discharge capacity characteristics at high temperatures, charge/discharge characteristics at low temperatures and shelf life, and thus has high reliability. According to the present invention, a sheet, mainly composed of an alkali metal having a body centered cubic crystal structure as an active material, is pressed from a direction normal to the principal surface thereof, thereby preferentially orienting crystallites so that (100) planes, (110) planes, (211) planes, (310) planes, (321) planes or (222) planes are parallel to the principal surface of the sheet, and the thus pressed sheet is used for the anode. <IMAGE>

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